

+

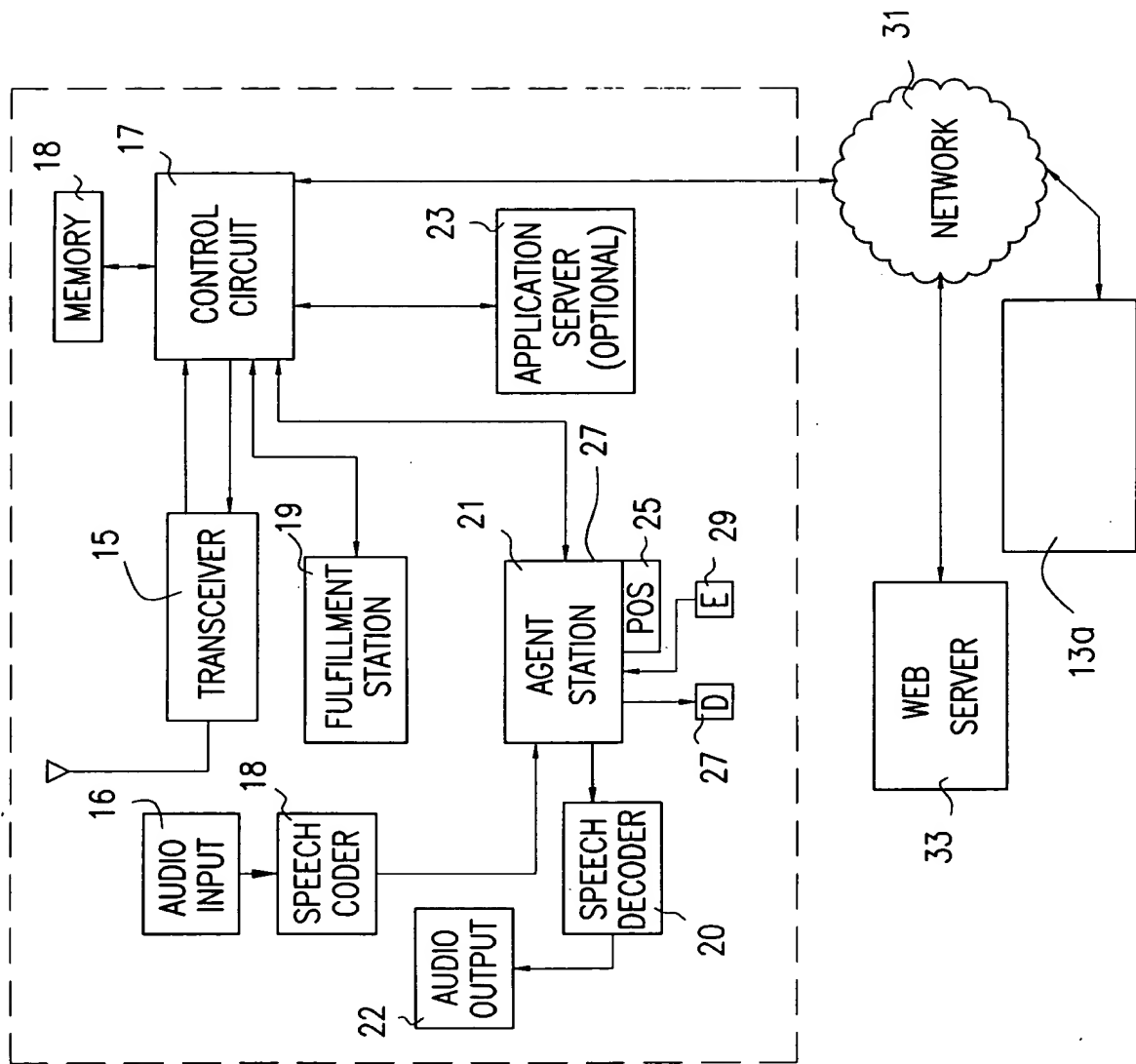
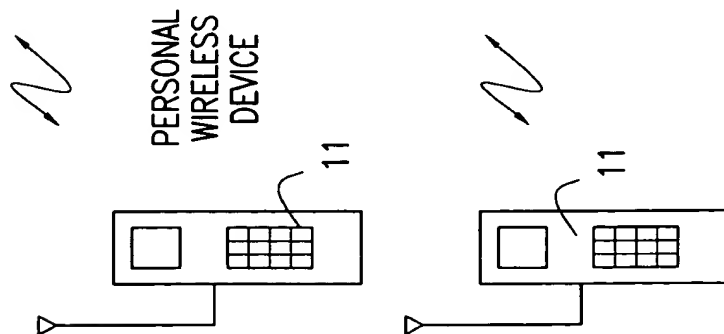


FIG. 1

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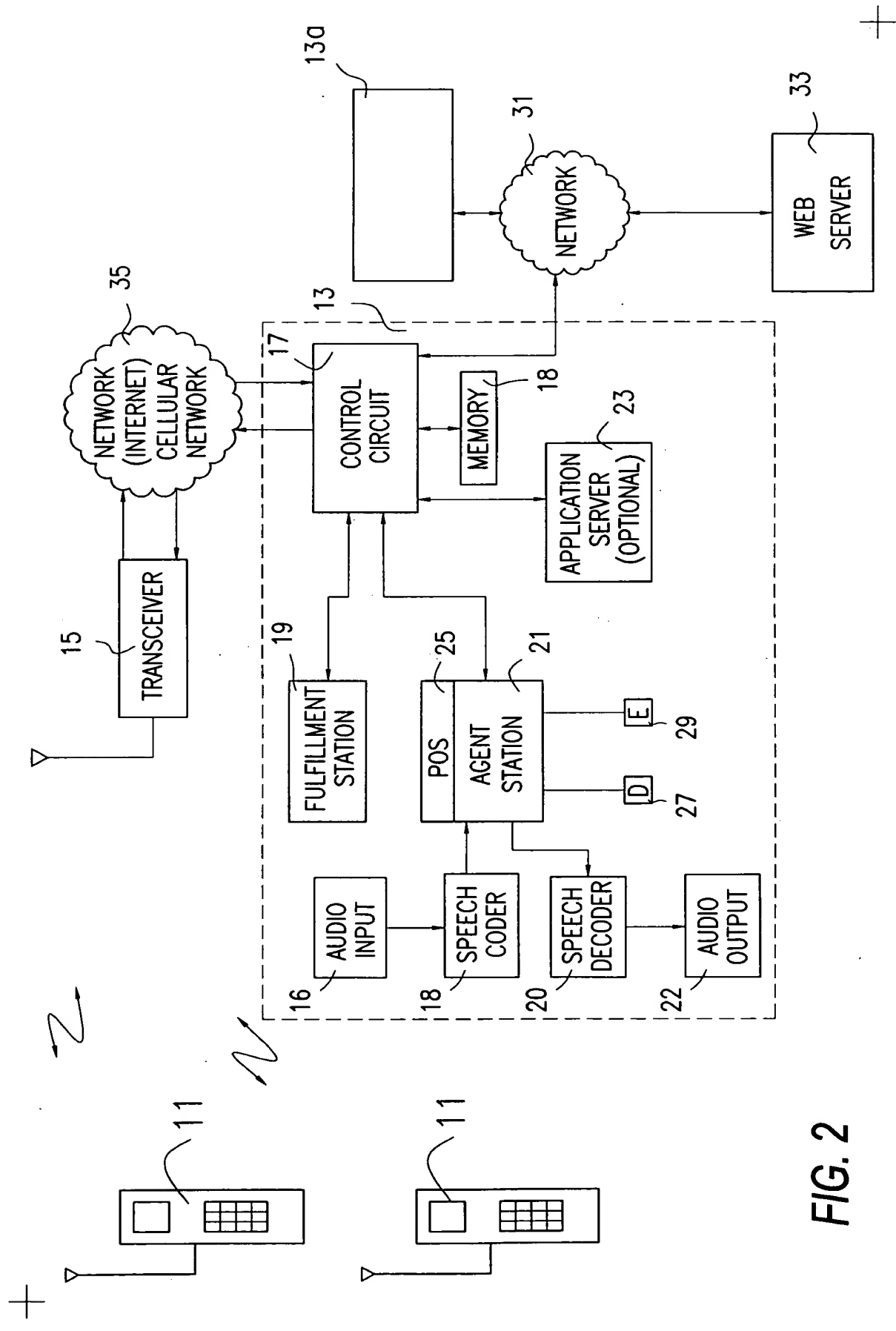


FIG. 2

**FIG. 3**

AVE A	AVE B	AVE C	AVE D	1ST ST
X <sub>1</sub>				2ND ST
		41		3RD ST
				4TH ST
X <sub>3</sub>		X <sub>2</sub>		5TH ST
	45			
	43			

27

**FIG. 4**

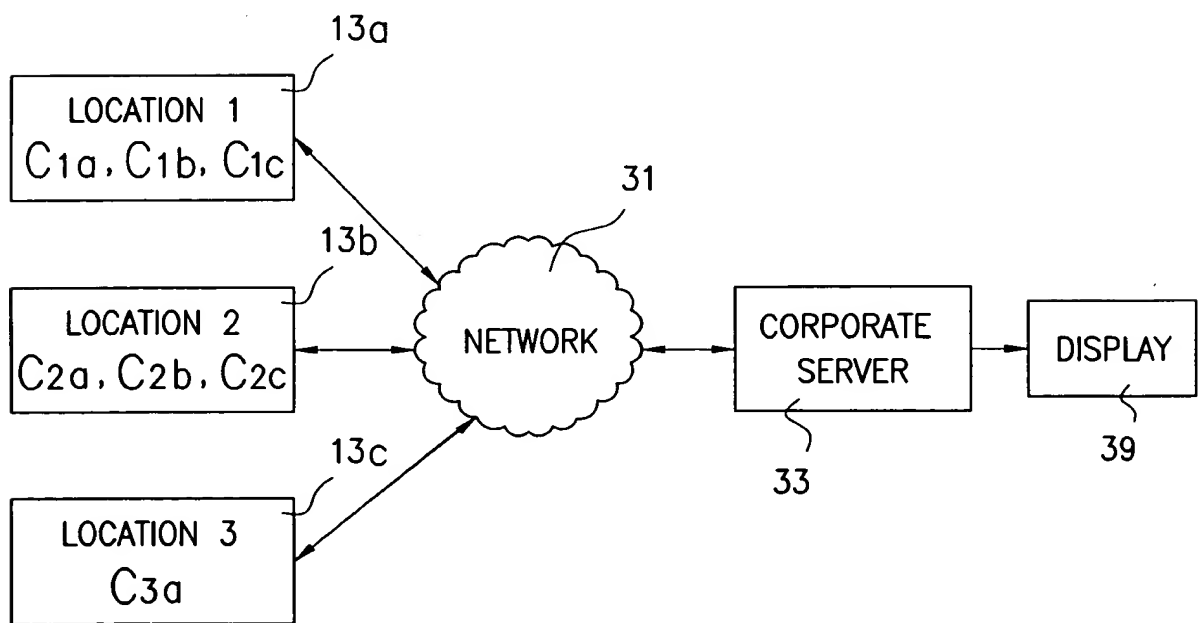


FIG. 5

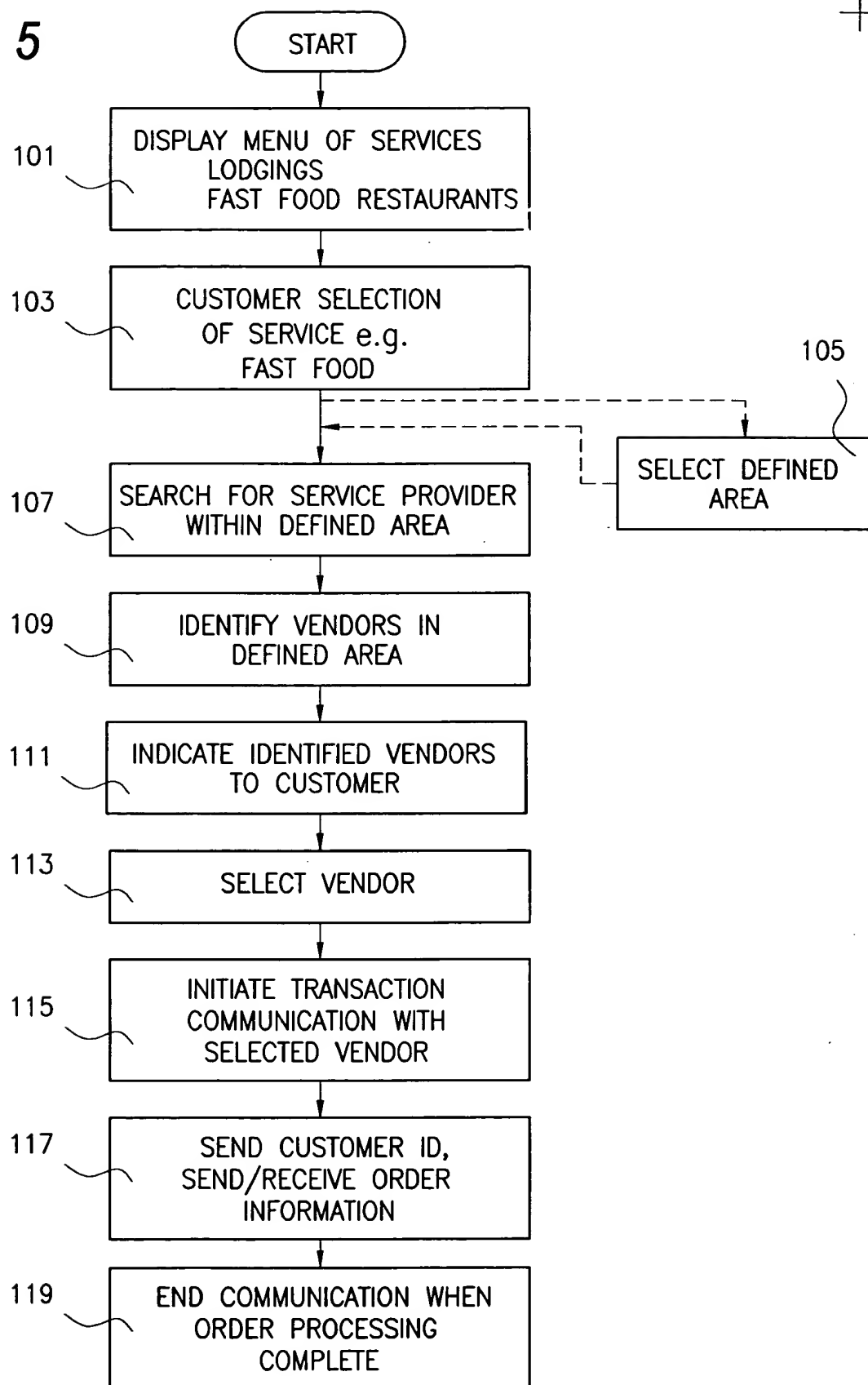


FIG. 6

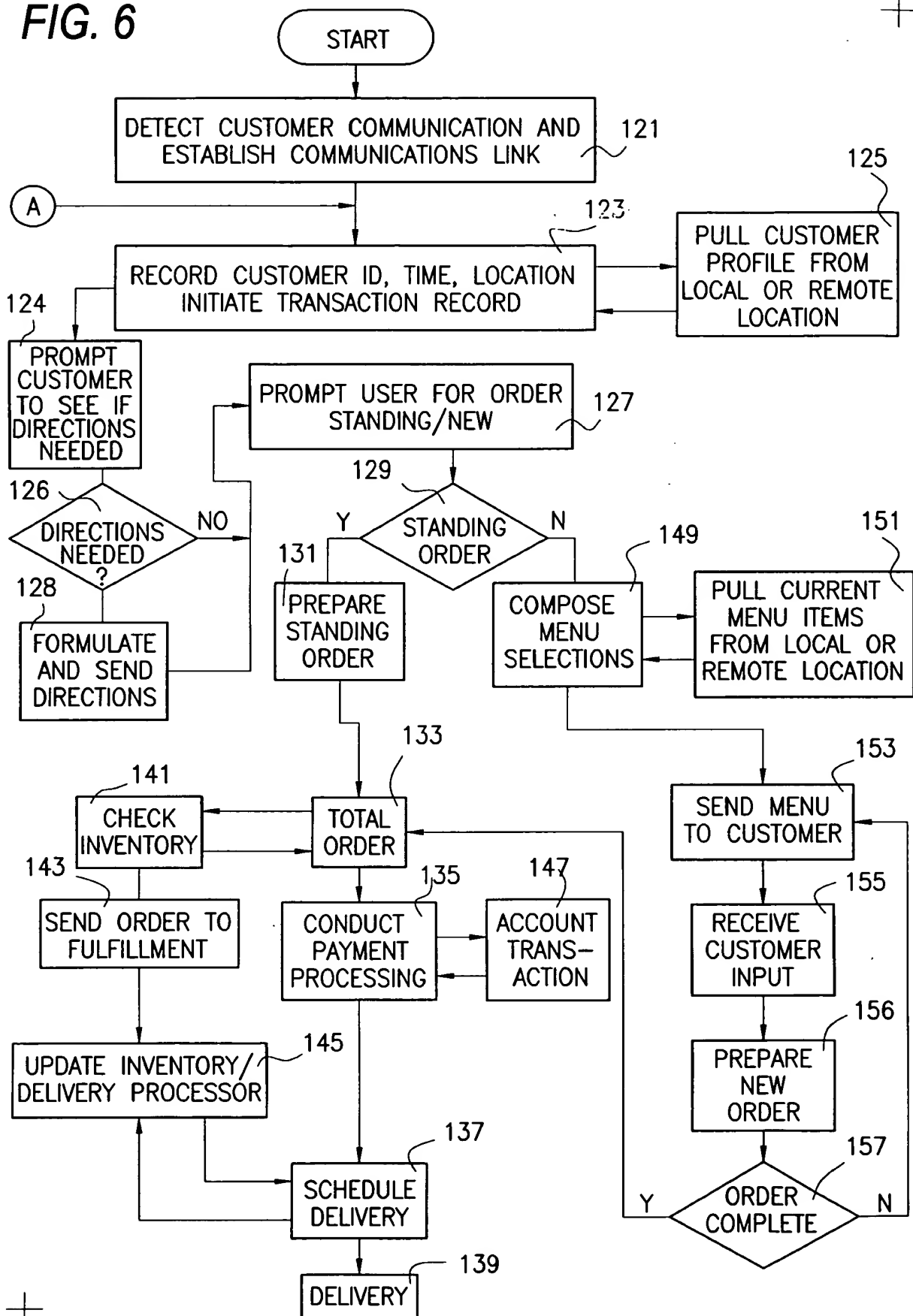


FIG. 7

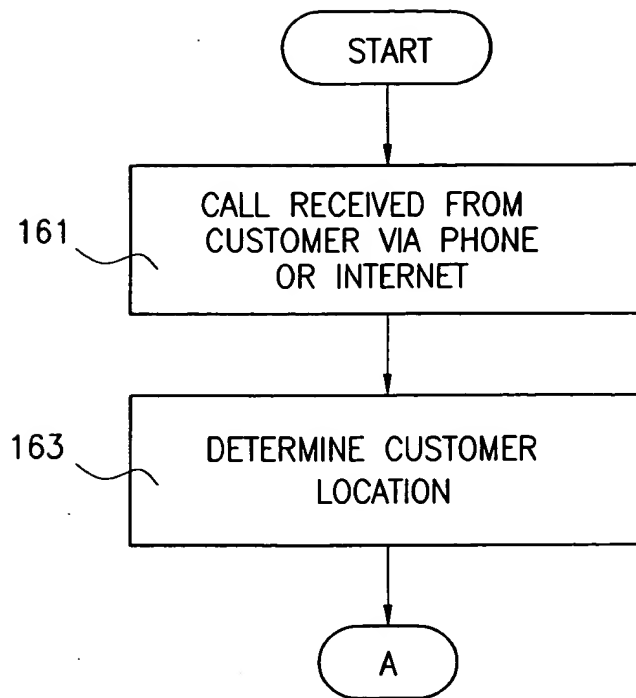


FIG. 8

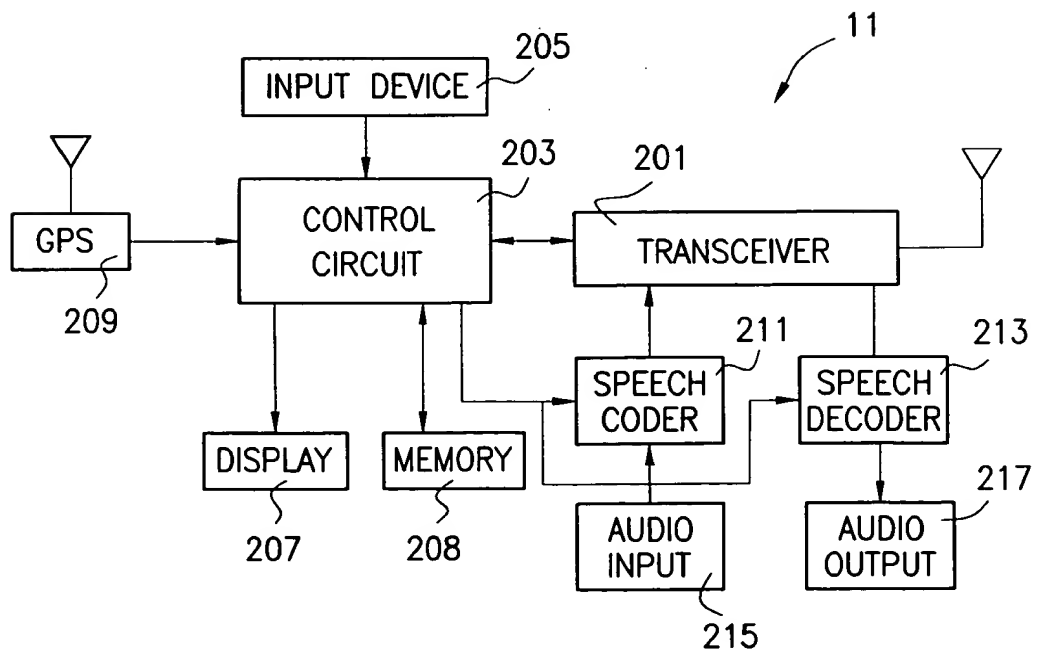


FIG. 9

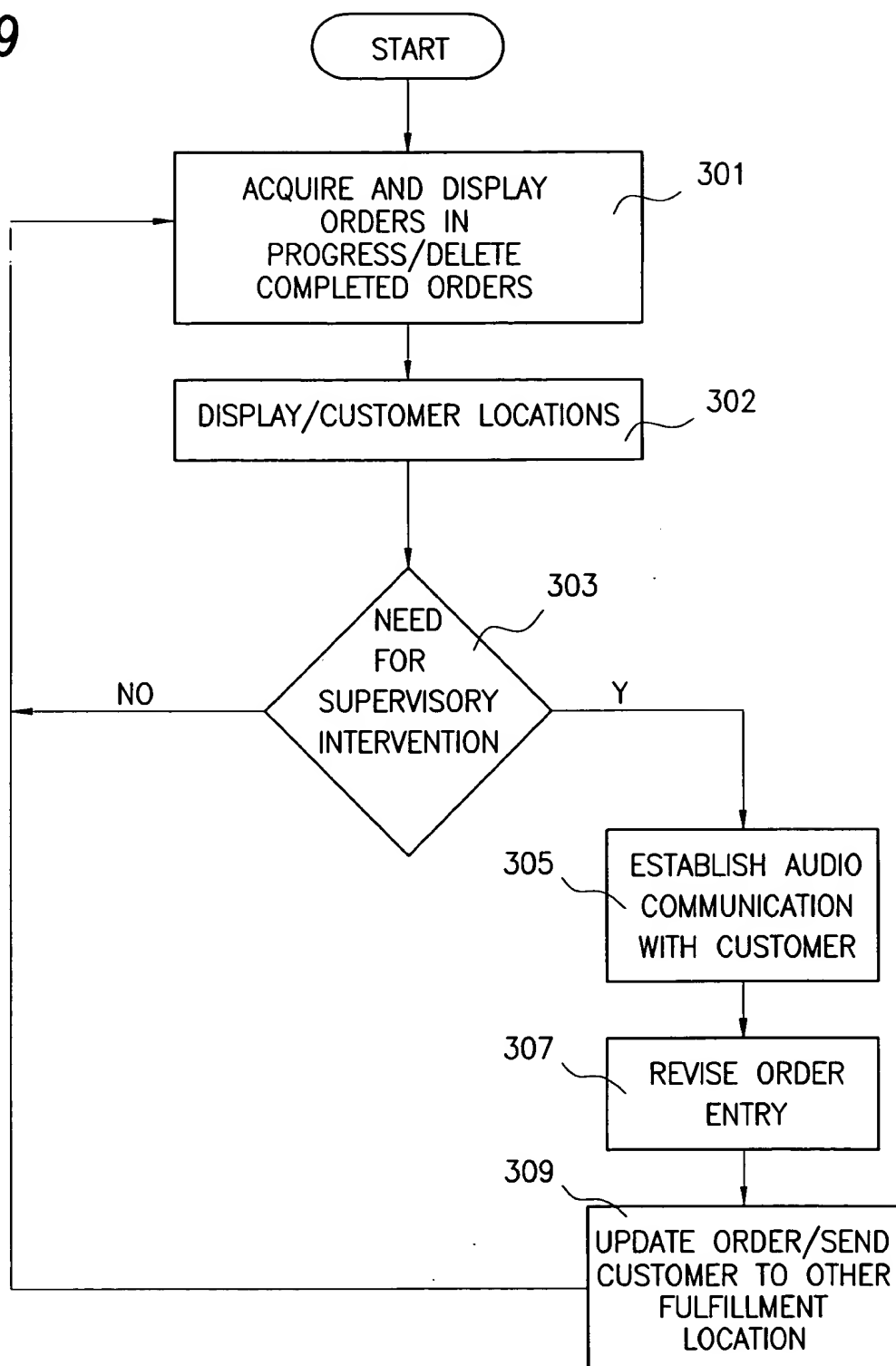


TABLE 10: CUSTOMER QUEUE

CUSTOMER QUEUE

ARRIVAL TIME	TIME ORDER PRIORITY	M COMMERCE	ORDER	AVAILABLE	COMPLETE	TRANS #	DISTANCE/LOCATOR	TIME TO ARRIVAL	PREDICTED FULFILLMENT ORDER
1ST	5 MIN	COMPLETE	5 ITEMS (DISPLAY)	YES	YES	5	.2 MI	2 MIN	2
2ND	4 MIN	IN PROGRESS	15	NO	NO	6	.3 MI	3 MIN	4
3RD	3 MIN	COMPLETE	10	YES	NO	7	.1 MI	1 MIN	3
4TH	2 MIN	COMPLETE	1	YES	YES	8	0	0	1

FIG. 10